

CONDENSED CLIMATOLOGICAL SUMMARY.

In the following table are given for the various sections of the climatological service of the Weather Bureau the monthly average temperature and total rainfall; the stations reporting the highest and lowest temperatures, with dates of occurrence; the stations reporting the greatest and least total precipitation; and other data as indicated by the several headings.

The mean temperature for each section, the highest and lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperatures and precipitation are based only on records from stations that have 10 or more years of observations. Of course the number of such records is smaller than the total number of stations.

Condensed climatological summary of temperature and precipitation by sections, January, 1920.

Section.	Temperature.								Precipitation.							
	Section average. °F.	Departure from the normal. °F.	Monthly extremes.						Section average. In.	Departure from the normal. In.	Greatest monthly.			Least monthly.		
			Station.	Highest.	Date.	Station.	Lowest.	Date.			Station.	Amount.	Station.	Amount.	Station.	Amount.
Alabama.....	47.0	+ 2.0	Wetumpka.....	81	23	Oneonta.....	10	5	6.80	+ 2.20	Mobile.....	11.70	Tuskegee.....	3.27		
Arizona.....	44.3	+ 1.2	Gila Bend.....	82	29	Chin Lee.....	-13	10	2.02	+ 0.58	Sunflower Ranger Station.....	4.90	Tuba City.....	0.30		
Arkansas.....	39.6	- 1.7	Dardanelle.....	82	20	Bergman.....	11	4†	6.49	+ 2.09	Booneville.....	12.83	Bentonville.....	2.27		
California.....	48.5	+ 2.7	Tustin (near).....	95	17	Portola.....	-3	7	0.85	- 4.56	Crescent City.....	4.18	4 stations.....	0.00		
Colorado.....	26.9	+ 2.8	Trinidad.....	76	18	Horner.....	-37	9	0.67	- 0.36	Durango.....	2.86	4 stations.....	0.00		
Florida.....	61.1	+ 2.2	4 stations.....	87	17†	2 stations.....	21	5	2.61	- 0.28	De Funak Springs.....	7.65	Key West.....	0.07		
Georgia.....	48.6	+ 2.2	Bainbridge.....	84	24	Ramhurst.....	4	5	4.90	+ 0.89	Newman.....	8.09	Brunswick.....	1.43		
Hawaii (December)....	70.6	+ 0.8	Wahanae.....	91	30	Glenwood.....	48	17	5.64	- 2.77	Awini.....	15.93	Pearl Harbor Naval Station.....	0.04		
Idaho.....	24.7	+ 0.9	Murphy.....	63	26	Stanley.....	-31	7	1.17	- 1.05	Avery.....	5.75	3 stations.....	0.00		
Illinois.....	22.1	- 4.8	Carbondale.....	69	20	Roeiford.....	-18	24	1.54	- 1.03	Shawneetown.....	4.55	3 stations.....	0.45		
Indiana.....	23.0	- 5.9	Rome.....	66	20	Howe.....	-19	25	2.22	- 0.88	Princeton.....	5.60	Greencastle.....	0.66		
Iowa.....	16.7	- 1.2	Thurman.....	53	29	Elkader.....	-26	4	0.42	- 0.63	Northwood.....	1.05	Denison.....	T.		
Kansas.....	31.6	+ 1.5	Lakin.....	75	18	Centralia.....	-4	25	0.58	- 0.45	Sedan.....	1.65	10 stations.....	T.		
Kentucky.....	33.4	- 1.8	Horkin.....	72	20	Beattyville.....	-6	5	6.72	+ 2.33	Russellville.....	11.43	Williamstown.....	3.01		
Louisiana.....	52.8	+ 1.6	Houma.....	88	22	Calhoun.....	20	2	0.73	- 2.29	Kelly.....	11.26	Grand Coteau.....	4.02		
Maryland-Delaware.....	27.8	- 5.0	3 stations.....	64	9	Oakland, Md.....	-10	6	2.47	- 0.73	Orisfield, Md.....	3.93	Western Port, Md.....	1.20		
Michigan.....	11.5	- 8.9	Houghton Lake.....	46	11	Sidnaw.....	-43	25	1.39	- 0.70	Grand Marais.....	3.55	Bloomingdale.....	0.27		
Minnesota.....	4.3	- 3.6	Lynd.....	54	29	Roseau.....	-43	23	1.00	+ 0.24	Red Lake Falls.....	2.28	Artichoke Lake.....	0.11		
Mississippi.....	47.3	+ 0.4	Shubuta.....	84	23	6 stations.....	15	4†	6.70	+ 1.75	Anguilla.....	11.17	Columbus.....	3.68		
Missouri.....	28.6	- 1.4	Caruthersville.....	72	19	3 stations.....	-5	10†	1.57	- 0.65	Corintherville.....	7.46	Edgerton.....	0.10		
Montana.....	22.1	+ 3.0	Three Forks.....	64	14†	Malta.....	-43	24	0.99	- 0.07	Haugan.....	4.07	Renova.....	0.03		
Nebraska.....	27.1	- 3.4	2 stations.....	75	29†	Gordon.....	-21	24	0.17	- 0.39	2 stations.....	0.55	4 stations.....	0.00		
Nevada.....	34.2	+ 4.1	Beatty.....	84	29	San Jacinto.....	-19	8	0.30	- 0.90	Owyhee.....	1.52	Thorne.....	0.00		
New England.....	13.6	- 7.0	Waterbury, Conn.....	62	27	Van Buren, Me.....	-42	20†	2.30	- 1.09	Plymouth, Mass.....	3.95	Winslow, Me.....	0.79		
New Jersey.....	35.8	+ 1.6	Deming.....	82	19†	2 stations.....	-22	10	0.86	- 0.11	Mogollon Ranger Station.....	3.66	Maxwel, near.....	0.00		
New Mexico.....																
New York.....	13.9	- 9.2	Scarsdale.....	52	27	Wanakena.....	-39	31	2.25	- 0.62	Palermo.....	4.22	Appleton.....	1.03		
North Carolina.....	40.1	- 0.9	3 stations.....	80	24	Banners Elk.....	-10	5	3.17	- 0.69	Highlands.....	9.79	Hatteras.....	0.53		
North Dakota.....	2.8	- 2.1	Hettinger.....	49	30†	Berthold Agency.....	-44	24	0.95	+ 0.41	Westhope.....	2.97	Hettinger.....	0.00		
Ohio.....	22.1	- 6.7	2 stations.....	65	20	Paulding.....	-11	25	2.61	- 0.67	Green.....	5.80	Wauscon.....	0.70		
Oklahoma.....	36.5	- 2.4	Kenton.....	78	18	Brooker.....	-6	9	1.87	+ 0.42	Hugo.....	6.20	Kenton.....	0.35		
Oregon.....	35.2	+ 1.2	Brookings.....	71	9†	Blitzen.....	-28	8	2.22	- 2.73	Cascade Locks.....	10.41	Keservoir No. 3.....	0.09		
Pennsylvania.....	20.9	- 7.1	Punxsutawney.....	59	12	Saegerstown.....	-23	15	2.47	- 0.85	George School.....	5.35	New Castle.....	1.00		
Porto Rico.....																
South Carolina.....	46.2	+ 0.7	Georgetown.....	85	9	Walhalla.....	6	5	3.66	+ 0.22	Winthrop College.....	8.00	Oaks.....	1.00		
South Dakota.....	18.5	+ 2.1	2 stations.....	65	25†	Pollock.....	-34	24	0.34	- 0.22	2 stations.....	1.30	2 stations.....	0.00		
Tennessee.....	38.9	0.0	Newport.....	76	21	Mountain City.....	-6	5	0.36	+ 1.89	Springville.....	12.03	Knoxville.....	2.94		
Texas.....	45.6	- 2.8	Brownsville.....	90	21	Lieb.....	-1	9	4.01	+ 2.26	Conroe.....	9.84	Claude.....	0.25		
Utah.....	26.5	+ 1.0	Springdale.....	71	28†	East Portal.....	-26	11	0.78	- 0.76	Hurricane.....	2.20	3 stations.....	0.00		
Virginia.....	33.6	- 2.7	2 stations.....	75	21	Burke's Garden.....	-9	3	2.46	- 0.84	Elk Knob.....	5.73	Woodstock.....	0.33		
Washington.....																
West Virginia.....	28.7	- 4.0	Charleston.....	77	20	Pickens.....	-11	3	4.12	+ 0.23	Logan.....	7.26	Harpers Ferry.....	0.40		
Wisconsin.....	7.4	- 6.6	2 stations.....	42	27†	Winter.....	-40	18	1.36	+ 0.21	Mondovi.....	2.50	Prairie du Chien.....	0.48		
Wyoming.....	23.8	+ 4.6	Fine Bluff.....	68	29	Moran.....	-33	8	0.53	- 0.41	Moran.....	2.87	2 stations.....	0.01		

†Other dates also.

MONTHLY WEATHER REVIEW.

JANUARY, 1920

TABLE I.—Climatological data for Weather Bureau Stations, January, 1920.

Districts and stations.	Elevation of instruments.			Pressure.			Temperature of the air.						Precipitation.			Wind.																		
	Barometer above sea level.	Thermometer above ground.	Anemometer above ground.	Station, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hours.	Departure from normal.	Mean max. + mean min. + 2.	Departure from normal.	Maximum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity.	Total.	Miles	Total movement.	Prevailing direction.	Maximum velocity.														
	Ft.	Ft.	Ft.	In.	In.	In.	° F.	° F.	° F.	° F.	° F.	%	In.	In.	In.	Miles	Miles per hour.	Direction.	Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.	Show on ground at end of month.									
New England.							16.8	— 7.5					75	2.51	— 1.0									0-10	In.	In.								
Eastport.....	76	67	85	29.99	30.08	+ .08	11.5	— 8.6	39	1 20	— 19	31	3	35	11	6	72	2.07	— 1.8	14	10,046	nw.	61	e.	17	9	10	12	5.9	20.2	13.3			
Greenville, Me.	1,070	6	28	28.86	30.10	— 10.4	4.6	— 31	8	14	— 29	31	5	33	2	2.81	—	11									12	6	13	28.3	28.5			
Portland, Me.	103	82	117	30.01	30.14	+ .09	14.6	— 7.4	41	8	23	— 14	31	6	31	12	5	70	3.49	+ 0.3	11	6,628	nw.	31	w.	18	11	12	5.3	24.2	19.4			
Concord.....	288	70	79	29.80	30.13	+ .08	13.8	— 7.4	44	27	24	— 18	26	4	35	1	1.48	+ 1.9	10	3,817	nw.	18	s.	21	12	9	10	5.3	18.3	10.9				
Burlington.....	404	11	48	29.69	30.18	+ .08	13	— 6.4	9.9	36	8	16	— 27	31	4	41	1	1.29	+ 0.5	12	6,986	n.	28	sw.	17	6	7	17	6.2	21	16.0			
Northfield.....	876	12	60	29.16	30.18	+ .08	13	— 4.8	10.3	41	27	18	— 32	31	8	46	3	1	37	12	4,996	n.	18	7	10	14	6.8	26.2	11.0					
Boston.....	125	115	188	29.99	30.13	+ .05	21.0	— 8.0	48	27	30	— 8	31	12	30	18	11	66	2.72	+ 1.1	12	6,328	w.	45	w.	18	4	5	21	7.5	24.8	10.4		
Nantucket.....	12	14	90	30.09	30.10	+ .06	26.3	— 5.7	50	27	32	— 6	16	20	22	24	21	81	3.84	+ 0.4	18	6,604	nw.	48	sw.	18	9	4	18	8.8	4.6	0.5		
Block Island.....	26	11	46	30.10	30.12	+ .05	25.0	— 6.4	45	1	32	— 3	31	19	23	20	20	89	2.75	+ 1.1	16	17,153	w.	60	w.	14	8	15	16.1	17.2	7.3			
Providence.....	160	215	251	29.95	30.14	+ .08	20.8	— 6.4	48	27	28	— 6	31	13	31	18	13	73	2.60	+ 1.8	15	9,917	n.	58	nw.	14	8	8	15	6.3	15.8	7.9		
Hartford.....	159	122	140	29.98	30.17	+ .10	19.3	— 6.2	44	27	27	— 8	31	11	29	17	11	73	3.39	+ 0.4	15	5,650	n.	31	nw.	14	8	9	12	5.8	8.7	3.2		
New Haven.....	106	74	153	30.05	30.18	+ .10	21.4	— 5.9	48	27	26	— 4	31	14	31	18	14	74	2.80	+ 1.1	16	7,914	n.	32	w.	18	10	9	12	5.8	8.7	3.2		
Middle Atlantic States.							26.8	— 4.6					71	2.30	— 0.9													6.4						
Albany.....	97	102	115	30.09	30.21	+ .11	11.1	— 8.4	42	27	23	— 17	31	5	38	12	8	79	1.73	— 0.9	11	5,921	nw.	30	s.	21	12	8	11	5.6	18.4	9.0		
Binghamton.....	871	10	84	29.19	30.17	+ .09	15.2	— 7.9	43	27	27	— 13	28	6	41	1	1.77	+ 0.2	10	4,532	nw.	30	w.	13	4	7	20	7.5	16.5	8.0				
New York.....	314	414	451	29.82	30.18	+ .08	21.1	— 6.1	49	27	32	— 3	31	17	29	20	12	63	2.23	+ 1.6	11	9,928	nw.	74	nw.	14	4	12	15	7.0	7.8	1.6		
Harrisburg.....	374	94	104	29.81	30.23	+ .13	23.1	— 5.6	50	30	29	— 5	16	17	31	21	14	67	2.16	+ 0.7	16	3,717	nw.	34	w.	14	5	10	16	6.8	15.9	0.4		
Philadelphia.....	117	123	190	30.05	30.22	+ .11	26.8	— 3.0	49	30	34	— 5	31	20	26	23	17	64	2.71	+ 0.7	12	3,116	n.	37	n.	31	8	7	18	6.6	15.9	0.4		
Reading.....	325	81	98	29.85	30.23	— 0.6	23.0	— 4.5	43	29	23	— 3	31	17	26	20	15	67	2.74	+ 0.8	11	6,219	nw.	31	nw.	14	7	8	16	6.8	16.0	0.4		
Scranton.....	805	111	119	29.20	30.21	+ .12	12	— 6.8	43	29	21	— 6	31	11	21	17	13	77	2.79	+ 0.0	13	6,305	n.	36	sw.	13	2	11	18	7.3	18.2	2.2		
Atlantic City.....	52	37	45	30.13	30.19	+ .08	28.3	— 4.2	53	30	35	— 7	31	21	29	25	20	75	2.87	+ 0.5	15	6,367	n.	29	nw.	14	11	4	16	5.9	2.6	0.0		
Cape May.....	15	13	49	30.20	30.22	+ .08	29.0	— 4.5	51	30	36	— 7	31	22	30	26	21	75	3.39	+ 0.0	10	7,753	n.	34	nw.	14	11	5	15	5.7	1.7	0.0		
Sandy Hook.....	22	10	57	30.16	30.19		24.6		42	1	31	— 9	31	19	26	22	17	75	2.19		12	3,752	n.	56	nw.	14	7	11	13	6.4	8.1	1.0		
Trenton.....	190	159	183				46.3	+ 1.2					75	2.30	— 1.5													5.9						
Baltimore.....	123	100	113	30.08	30.23	+ .11	28.6	— 4.5	58	30	35	— 9	32	22	33	25	18	66	1.57	+ 1.4	9	5,430	n.	24	n.	31	12	3	16	6.1	2.0	0.0		
Washington.....	112	62	85	30.09	30.22	+ .09	28.7	— 4.2	59	30	36	— 9	32	22	32	21	17	66	2.30	+ 1.1	9	6,079	n.	42	nw.	14	9	6	16	6.3	2.7	0.0		
Lynchburg.....	681	153	188	29.41	30.21	+ .08	31.1	— 1.4	67	67	69	— 9	32	23	31	20	13	66	1.63	+ 2.1	10	6,419	n.	36	n.	21	11	4	18	6.1	1.0	0.0		
Norfolk.....	91	170	205	30.12	30.22	+ .08	37.1	— 3.0	72	21	46	— 14	55	29	39	33	27	70	2.14	+ 1.2	9	11,071	n.	45	sw.	9	10	5	16	6.2	1.5	T.		
Richmond.....	144	11	52	30.06	30.23	+ .10	31.2	— 3.8	72	21	50	— 15	53	32	33	23	19	75	2.32	+ 0.1	9	6,553	n.	21	sw.	9	11	4	16	6.2	2.0	T.		
Wytheville.....	2,304	49	55	27.73	30.20	+ .06	32.2	— 0.8	62	9	41	— 3	32	23	32	29	21	75	2.29	+ 2.0	9	5,373	w.	42	sw.	9	7	7	17	6.5	7.0	T.		
South Atlantic States.							46.3	+ 1.2					75	2.30	— 1.5													5.9						
Asheville.....	2,255	70	84	27.79	30.23	+ .08	38.4	— 3.0	67	9	48	— 4	52	29	40	34	30	75	1.90	+ 2.8	13	6,876	nw.	33	n.	13	9	7	15	6.0	4.6	0.0		
Charlotte.....	779	55	62	29.35	30.21	+ .06	39.8	— 3.6	68	6	68	— 20	49	10	5	30	32	35	30	71	3.81	+ 0.5	10	4,789	n.	32	nw.	17	7	8	16	6.5	2.2	0.0
Hatteras.....	11	12	50	30.18	30.19	+ .05	43.8	— 2.0	68	21	51	— 22	57	37	40	38	33	53	4.53	+ 4.4	8	8,127	n.	52	n.	4	5	10	16	6.7	0.0	T.		
Manteo.....	12	5	42				39.0	— 1.4	60	24	49	— 10	52	29	38	35	30	76	3.28	+ 0.3	12	6,729	n.	32	sw.	21	9	6	16	6.5	1.3	0.0		
Raleigh.....	376	103	110	23.50	30.22	+ .06	39.0	— 1.4	60	24	49	— 10	52	29	38	35	30	76	3.28	+ 0.3	12	6,729	n.	32	sw.	21	9	6	16	6.5	1.3	0.0		
Wilmington.....	78	81	91	30.18	30.22	+ .08	46.7	— 1.1	73	21	56	— 13	53	33	41	36	72	1.10	+ 2.4	29	6,029	sw.	36	w.	31	7	12	13	6.3	0.0	T.			
Charleston.....	38	11	92	30.15	30.26	+ .05	51.0	— 2.6	75	22	59	— 18	53	43	24	45	77	1.60	+ 1.8	36	6,744	sw.	36	w.	17	10	7	14	5.8	0.0	0.0			
Columbia, S. C.	351	41	57	23.53	30.25	+ .05	48.5	— 0.7	75	21	55	— 13	57	37	29	40	75	2.18	+ 0.1	9	6,030	n.	34	sw.	17	9	8	12	5.7	0.0	0.0			
Greenville, S. C.	1,039	113	122	27.07	30.19	— 0.4	41																											

TABLE I.—Climatological data for Weather Bureau stations, January, 1920—Continued.

Districts and stations.	Elevation of instruments.			Pressure.			Temperature of the air.												Precipitation.			Wind.			Average cloudiness, tenths.			Total snowfall.						
	Barometer above sea level.	Thermometer above ground.	Anemometer above ground.	Station, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hours.	Departure from orator, mil.	Mean max. + mean min. + 2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity.	Total.	Departure from normal.	Days with 0.01 inch or more.	Total movement.	Miles per hour.	Maximum velocity	Cloudy days.	Partly cloudy days.	In. In.	In. In.								
	Fl.	Ft.	Ft.	In.	In.	In.	° F.	° F.	° F.	° F.	° F.	° F.	%	In.	In.	Miles	Direction.	Date.																
Ohio Valley and Tennessee.							30.5	- 2.4						78	3.99	+ 1.5													0-10	In. In.	6.8			
Chattanooga.....	762	189	213	29.41	30.21	+ .08	42.5	+ 1.9	68	20	50	13	5.34	38	33	71	4.37	- 1.2	14	6,871	sw.													
Knoxville.....	996	102	111	29.13	30.21	+ .06	41.1	+ 3.6	68	23	50	10	5.32	40	37	32	73	2.94	- 2.0	11	5,710	sw.												
Memphis.....	399	76	97	29.52	30.27	+ .11	39.3	- 1.0	70	20	46	19	5.33	40	36	32	79	6.01	+ 0.3	10	6,162	n.												
Nashville.....	516	163	191	29.66	30.28	+ .10	38.6	+ 0.6	69	20	47	13	5.30	40	34	70	7.35	+ 2.5	9	6,861	nw.													
Lexington.....	989	193	230	29.12	30.21	+ .11	30.1	+ 0.1	61	20	38	2	5.23	32	28	52	5.28	+ 1.4	15	10,335	w.													
Louisville.....	525	216	255	29.67	30.28	+ .14	30.5	- 3.7	64	20	37	5	5.24	33	27	76	4.77	+ 0.9	11	9,160	w.													
Evansville.....	431	139	175																															
Indianapolis.....	822	191	230	29.33	30.26	+ .11	22.2	- 8.0	46	30	30	1	3.15	29	20	17	35	2.01	- 0.8	10	9,776	ne.												
Terre Haute.....	575	62	129	29.61	30.26	+ .13	23.5	- 8.9	30	31	32	2	2.17	17	11	61																		
Cincinnati.....	625	11	51	29.55	30.26	+ .14	25.4	- 4.9	56	20	33	1	3.18	32	23	21	84	3.48	+ 0.1	12	6,802	ne.												
Columbus.....	824	179	222	29.33	30.25	+ .14	22.2	- 6.4	49	20	30	1	3.15	37	20	17	81	2.61	- 0.3	14	9,503	w.												
Dayton.....	899	181	216	29.56	30.29	+ .10	23.1	- 5.5	47	16	31	1	3.16	33	21	18	81	1.80	- 1.2	8	6,613	sw.												
Pittsburgh.....	812	353	410	29.29	30.23	+ .12	24.1	- 6.3	52	20	32	1	3.16	38	21	16	73	2.80	- 0.1	14	9,731	w.												
Elkins.....	1,057	59	67	29.07	30.23	+ .13	28.2	- 0.8	64	23	39	3	3.18	37	25	22	83	4.66	+ 1.3	20	4,785	w.												
Parkersburg.....	638	77	82	29.5	30.26	+ .14	28.4	- 2.9	62	20	36	1	5.20	40	25	21	78	3.83	+ 0.6	12	5,104	nw.												
Lower Lake Region.							15.7	- 8.8						79	2.19	- 0.5													7.0					
Buffalo.....	767	247	280	29.33	30.20	+ 0.13	15.6	- 9.1	37	27	23	11	31	8	36	14	11	83	2.58	- 0.7	20	15,921	w.											
Canton.....	448	10	61	29.65	30.17		4.1	- 12.2	37	27	15	36	12	9	57	16	11	1.69	- 1.5	18	8,194	w.												
Oswego.....	335	78	91				14.0	- 9.9	37	1	22	18	31	6	37	14	9	1.84	- 1.3	20	8,585	s.												
Rochester.....	523	97	102	29.61	30.21	+ .14	16.1	- 7.9	38	27	21	9	31	9	34	14	9	3.24	+ 0.1	17	8,036	w.												
Syracuse.....	971	113	20	29.50	30.19	+ .14	12	13	0.1	40	1	22	19	31	5	38	14	9	74	3.66	+ 1.5	20	9,833	nw.										
Erie.....	714	130	163	29.40	30.22	+ .14	18.1	- 8.4	41	20	25	4	31	11	36	16	13	1.73	- 1.3	15	12,079	sw.												
Cleveland.....	762	190	201	29.38	30.24	+ .15	19.0	- 7.2	43	20	26	0	25	12	34	17	12	1.96	- 0.5	16	11,340	se.												
Sandusky.....	622	82	103	29.52	30.23	+ .14	18.9	- 7.4	30	26	25	2	25	13	31	14	13	1.32	- 0.8	11	10,997	w.												
Toledo.....	626	208	243	29.54	30.26	+ .17	17.9	- 7.1	45	20	25	1	31	11	34	18	12	1.61	- 0.3	9,111	s.													
Fort Wayne.....	856	113	124	29.29	30.26	+ .17	18.1	- 8.8	35	26	25	3	11	37	16	12	76	0.90		12	8,422	w.												
Detroit.....	730	218	245	29.11	30.25	+ .17	16.8	- 7.5	36	7	23	7	31	10	30	15	12	1.73	- 0.2	10	10,588	w.												
Upper Lake Region.							11.0	- 7.2						82	1.49	- 0.5													6.5					
Alpena.....	609	13	92	29.52	30.22	+ .18	10.4	- 8.3	34	26	20	19	25	1	33	9	6	1.53	- 0.7	17	3,667	nw.												
Escanaba.....	612	54	60	29.55	30.26	+ .21	8.2	- 6.3	32	7	17	14	18	0	29	15	51	1.44	- 0.1	12	7,669	sw.												
Grand Haven.....	632	54	89	29.53	30.26	+ .19	15.9	- 8.6	36	12	22	5	25	9	31	15	11	1.50	- 1.3	16	10,255	e.												
Grand Rapids.....	707	70	87	29.44	30.26	+ .19	16.0	- 7.3	37	26	22	8	25	10	29	14	10	1.19	- 1.6	11	5,295	e.												
Houghton.....	684	62	99	29.47	30.24	+ .19	6.2	- 8.3	30	12	13	2	25	2	36	3	3.41	+ 1.4	18	7,065	w.													
Lansing.....	875	11	62	29.25	30.24	+ .21	13.2	- 8.8	31	13	21	14	25	5	29	12	9	1.34	- 0.3	18	5,627	sw.												
Ludington.....	637	60	66	29.51	30.24	+ .21	15.4	- 8.6	36	22	22	4	31	9	34	15	12	1.25	- 0.2	17	9,489	s.												
Marquette.....	734	77	111	29.41	30.27	+ .23	9.2	- 6.7	34	29	16	11	23	2	24	7	4	1.84	- 0.2	21	8,835	nw.												
Port Huron.....	638	70	120	29.50	30.24	+ .18	13.6	- 8.2	35	21	21	12	21	5	35	13	16	0.74	- 0.5	9,404	nw.													
Saginaw.....	611	77	229	30.25	30.25	+ .12	12.6	- 8.6	36	26	29	12	25	5	35	14	10	0.74	- 0.5	9,461	nw.													
Sault Ste. Marie.....	611	52	98	30.21	30.21	+ .21	21.4	- 8.6	31	14	15	23	5	33	3	1	1.68	- 0.5	17	5,850	nw.													
Chicago.....	823	140	310	29.31	30.28	+ .18	18.8	- 8.0	37	25	25	2	13	23	18	13	74	1.11	- 0.9	23	8,018	nw.												
Green Bay.....	617	109	143	29.30	30.26	+ .20	9.2	- 5.4	35	26	17	11	2	1	30	8	3	0.76	- 0.7	10	9,122	w.												
Milwaukee.....	681	125	139	29.48	30.26	+ .18	15.1	- 4.4	37	29	23	11	2	8	26	14	11	1.57	- 0.4	9,461	nw.													
Duluth.....	1,133	11	47	28.96	30.27	+ .18	3.0	- 7.4	37	29	23	11	25	5	32	2	0	0.91	- 0.2	13	9,848	nw.												
North Dakota.							3.1	- 1.0						86	0.78	+ 0.2													6.5					
Moorhead.....																																		

TABLE I.—Climatological data for Weather Bureau stations, January, 1920—Continued.

Districts and stations.	Elevation of instruments.		Pressure.			Temperature of the air.						Precipitation.			Wind.			Maximum velocity			Snow on ground at end of month.												
	Balometer above sea level.	Thermometer above ground.	Anemometer above ground.	Station, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hours.	Departure from normal.	Mean max. + mean min.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity.	Total.	Departure from normal.	Days with 0.01 inch or more.	Total movement.	Precipitation direction.	Miles per hour.	Direction.	Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.			
	Ft.	Ft.	Ft.	In.	In.	In.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	%	In	In.	Miles															
<i>Northern Slope.</i>							23.3	+ 4.3									72	6.60	- 0.2														
Billings.....	3,130	5		21.6.....	21.6.....	21.6.....	57	19	32	- 25	24	11	49				8	sw.	sw.	36	sw.	11	15	10	6	14.0	T.	5.7					
Havre.....	2,505	11	44	27.15	30.23	+ .13	30.10	- 0.5	50	14	22	31	3	46	12	10	84	1.14	+ 0.4	10	6,421	sw.	11	7	8	18	7.1	11.4	1.5				
Helema.....	1,110	87	112	25.87	30.22	+ .07	24.7	+ 5.0	54	18	31	- 6	22	16	48	20	14	66	0.68	- 0.3	6	5,223	sw.	18	6	9	16	6.4	8.0	1.8			
Kalispell.....	2,973	45	59		27.59		30.28	+ .16	16.3	+ 1.5	48	18	28	- 31	24	6	38																
Miles City.....	2,371	26	48		27.59		30.28	+ .16	16.3	+ 1.5	48	18	35	- 16	24	14	54	21	14	65	0.23	- 0.2	5	5,782	n.	36	6	12	13	6.2	2.3	0.0	
Rapid City.....	3,239	50	58	26.67	30.21	+ .11	26.2	+ 4.7	62	18	35	- 16	24	14	54	21	17	57	0.20	- 0.2	4	11,495	w.	70	19	15	8	4.5	2.0	0.0			
Cheyenne.....	6,088	84	101	24.01	30.13	+ .08	33.5	+ 7.9	63	29	44	0	8	14	55	19	14	77	0.81		5	3,214	nw.	35	19	8	14	5.9	13.6	0.8			
Lander.....	5,372	60	68	24.70	30.29	+ .17	20.2	+ 2.8	57	26	32	- 18	8	8	44	15	83	1.08	+ 0.6	4	2,777	sw.	40	19	10	18	3.4	10.8	T.				
Sheridan.....	3,790	10	47	26.15	30.22		22.8		60	18	36	- 19	24	9	55	19	14	77	0.81		5	3,214	nw.	35	19	11	8	12	5.9	2.9	8.3		
Yellowstone Park.....	6,200	11	48	23.92	30.27	+ .13	22.7	+ 5.1	45	31	31	- 11	8	14	27	20	15	73	0.28	- 2.0	10	6,880	s.	32	20	14	6	11	5.3	0.6	0.0		
North Platte.....	2,821	11	51	27.20	30.25	+ .13	28.9	+ 7.5	67	29	40	0	24	18	45	21	20	76	0.07	- 0.4	1	4,959	w.	32	20	14	8	11	5.3	0.6	0.0		
<i>Middle Slope.</i>							33.5	+ 4.4									75	0.60	0.0											5.4			
Denver.....	5,292	106	113	24.77	30.16	+ .11	36.0	+ 6.9	63	19	47	4	8	25	42	28	20	62	0.64	+ 0.2	3	5,129	s.	29	ne.	20	13	7	11	5.3	7.3	0.0	
Pueblo.....	4,655	50	86	23.25	30.16	+ .11	35.0	+ 5.9	71	18	48	0	9	22	47	29	20	64	0.29	- 0.1	3	4,488	nw.	37	26	11	7	13	5.6	1.0	0.0		
Concordia.....	1,392	50	58	28.72	30.26	+ .12	30.2	+ 5.8	66	29	38	8	25	22	39	26	21	82	0.12	- 0.6	4	5,884	n.	32	20	10	8	13	6.0	0.4	0.0		
Dodge City.....	2,500	11	51	27.55	30.26	+ .15	32.8	+ 5.5	68	18	45	7	9	21	41	24	22	76	0.07	- 0.4	2	7,150	n.	39	ne.	20	15	6	10	4.5	0.7	0.0	
Wichita.....	1,358	139	158	28.76	30.25	+ .12	31.7	+ 2.0	60	30	40	12	21	24	27	28	25	82	0.41	- 0.4	3	9,002	s.	40	ne.	20	13	8	10	4.9	2.4	0.0	
Altus.....	1,410	5																															
Muskogee.....	652	4																															
Oklahoma.....	1,214	10	47	28.92	30.25	+ .14	34.2	+ 4.5	70	19	44	9	9	27	33	31	29	83	2.09	+ 0.8	9	9,487	n.	36	7	3	8	15	6.3	10.4	0.0		
<i>Southern Slope.</i>							40.5	- 1.0									74	1.76	+ 1.0											5.8			
Abilene.....	1,738	10	52	28.36	30.22	+ .13	41.4	+ 1.2	74	18	52	18	9	31	37	35	31	75	3.02	+ 2.1	8	5,760	s.	27	n.	20	7	5	19	7.0	0.4	0.0	
Amarillo.....	3,676	10	49	26.37	30.21	+ .15	45.2	+ 1.3	73	19	47	5	9	21	41	29	25	76	1.11	+ 0.5	5	7,117	sw.	29	n.	8	12	8	11	4.9	11.1	0.0	
Del Rio.....	944	61	71	29.17	30.18	+ .12	48.0	+ 2.2	72	26	57	27	39	34	34	32	27	72	1.38	+ 0.8	7	4,019	s.	28	ne.	7	10	8	18	6.5	T.	0.0	
Roswell.....	3,566	75	85	28.47	30.18	+ .11	37.3	+ 1.9	73	20	50	- 1	9	25	41	32	27	72	1.38	+ 0.8	7	4,019	s.	28	ne.	7	10	12	9	5.0	13.0	0.0	
<i>Southern Plateau.</i>							43.8	+ 3.0									60	0.85	+ 0.1											4.1			
El Paso.....	3,762	110	133	26.28	30.11	+ .10	44.5	+ 0.4	68	20	51	20	8	34	32	38	31	64	1.06	+ 0.6	8	8,328	nw.	35	e.	14	13	6	12	4.7	3.0	0.0	
Santa Fe.....	7,013	57	66	23.27	30.15	+ .11	33.9	+ 5.4	57	28	44	3	9	21	29	27	20	64	0.31	- 0.3	6	4,726	ne.	30	n.	15	14	6	11	4.9	4.4	0.0	
Flagstaff.....	6,498	5	57	23.37	30.09	+ .04	30.4	+ 3.7	58	19	42	0	7	19	41	26		23			3	4,726	ne.	34	ne.	10	15	7	9	7.9	12.5	T.	
Phoenix.....	1,108	76	81	28.88	30.05	+ .02	52.3	+ 3.3	79	30	65	29	9	42	36	40	38	63	1.12	+ 0.2	5	3,359	e.	20	e.	13	17	9	5	3.8	0.0	0.0	
Yuma.....	1,11	9	54	29.91	30.06	+ .01	55.7	+ 1.0	78	28	66	36	7	15	33	48	40	82	1.47	+ 1.0	6	3,780	n.	25	s.	4	20	6	5	3.1	0.0	0.0	
Independence.....	3,937	9	41	26.09	30.17	+ .10	44.7	+ 4.2	71	16	57	24	9	32	31	34	20	41	0.00	- 0.9	6	3,683	nw.	34	nw.	11	12	15	4	4.0	0.0	0.0	
Needles.....	488	4		29.56	30.07		50.6		70	17	61	30	14	40	40			1.41			4			11	4	16				4.3			
<i>Middle Plateau.</i>							29.2	+ 0.8									70	0.47	- 0.6											4.3			
Reno.....	4,532	74	81	25.60	30.24	+ .11	36.9	+ 4.4	64	16	50	10	8	23	38	31	24	64	0.04	- 1.9	2	2,692	w.	26	5	20	7	4	3.1	0.1	0.0		
Tonopah.....	6,090	12	20	24.15	30.18		37.4		65	18	45	8	8	29	22	29	18	49	0.04	- 0.7	1	6,254	se.	48	nw.	5	13	17	6	8	3.8	3.5	0.0
Winnemucca.....	4,344	18	56	25.77	30.29	+ .13	31.5	+ 2.7	58	26	44	- 4	9	19	37	27	22	72	0.39	- 0.6	3	4,350	ne.	25	n.	6	17	4	10	4.1	4.9	0.0	
Modena.....	5,479	10	43	24.70	30.21	+ .11	32.5	+ 2.1	57	29	40	8	9	17	37	24	20	73	0.44	- 0.3	5	5,720	w.	29	ne.	7	17	4	10	4.1	8.7	0.0	
Salt Lake City.....	4,300	163	203	25.73	30.26	+ .11	30.8	+ 2.0	54	24	38	8	11	24	25	27	23	74	1.24	+ 0.1	4	3,287	nw.	35	sc.	7	14	5	12	4.7	8.7	0.0	
Grand Junction.....	4,602	60	68	25.56	30.31	+ .25	18.2	- 6.5	43	24	28	- 14	9	8	36	17	15	90	0.66	+ 0.2	6	2,074	nw.	15	e.	5	11	5	15	6.0	8.1	1.0	
<i>Northern Plateau.</i>							29.6	+ 0.7									77	1.15	- 0.7											7.0			
Baker.....	3,471	48	53	26.60	30.31	+ .15	28.0	+ 4.1	53	16	37	2	8	20	29	25	22	79	1.34	- 1.2	3	4,525	se.	24	sw.	26	10	6	15				

TABLE II.—Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes, or 0.80 in 1 hour, during January, 1920, at all stations furnished with self-registering gages.

Stations.	Date.	Total duration.		Total amount of precipi- tation.	Excessive rate.		Amount before excessive rate began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
A bilene, Tex.	22			0.59															0.45		
Albany, N. Y.	16-17			0.54														(*)			
Alpena, Mich.	6-7			0.36														(*)			
Amarillo, Tex.	7-8			0.99														(*)			
Anniston, Ala.	{ 23-24	2:05 p. m.	5:38 p. m.	1.02	2:24 p. m.	2:55 p. m.	0.01	0.37	0.49	0.57	0.62	0.64	0.74	0.78							
Asheville, N. C.	24	6:55 p. m.	7:35 a. m.	1.62	2:23 a. m.	2:50 a. m.	0.36	0.07	0.15	0.23	0.36	0.49	0.54								
Atlanta, Ga.	23	3:15 p. m.	7:35 p. m.	1.03	5:30 p. m.	5:50 p. m.	0.09	0.09	0.29	0.48	0.69								0.16		
Atlantic City, N. J.	24				0.81														0.24		
Augusta, Ga.	27-28	9:15 a. m.	D. N. a. m.	1.24	12:02 p. m.	12:29 p. m.	0.12	0.07	0.19	0.24	0.43	0.57	0.64								
Baker, Oreg.	5			0.08															(*)		
Baltimore, Md.	8			0.35															0.15		
Bentonville, Ark.	22			0.83														0.25			
Binghamton, N. Y.	9			0.58														0.08			
Bismarck, N. Dak.	17			0.20														(*)	0.13		
Block Island, R. I.	9			0.89															(*)		
Boise, Idaho.	25-26			0.28															0.13		
Boston, Mass.	21			0.74															0.13		
Buffalo, N. Y.	9			0.65														(*)			
Burlington, Vt.	23-24			0.48														(*)			
Calo, Ill.	7-8			1.35														(*)			
Canton, N. Y.	23-24			0.38														(*)			
Charles City, Iowa.	5-6			0.37														(*)			
Charleston, S. C.	28			0.69														0.20			
Charlotte, N. C.	16			0.99														0.25			
Chattanooga, Tenn.	23			0.86														0.38			
Cheyenne, Wyo.	6-7			0.13														(*)			
Chicago, Ill.	23-24			0.37														(*)			
Cincinnati, Ohio.	8			1.66														0.26			
Cleveland, Ohio.	8-9			0.85														(*)			
Columbia, Mo.	27			0.72														0.41			
Columbus, Ohio.	27			0.72														(*)			
Concord, N. H.	16-17			1.47														(*)			
Concordia, Kans.	6			0.40														(*)			
Corpus Christi, Tex.	23-24			0.05														(*)			
Dallas, Tex.	7			1.12														0.40			
Davenport, Iowa.	23			1.20														(*)			
Dayton, Ohio.	7			0.23														0.13			
Del Rio, Tex.	7			0.17														(*)			
Denver, Colo.	24			0.15														0.11			
Des Moines, Iowa.	6-7			0.50														(*)			
Detroit, Mich.	23			0.28														(*)			
Devils Lake, N. Dak.	15			0.46														(*)			
Dodge City, Kans.	8			0.29														(*)			
Drexel, Nebr.	6			0.06														(*)			
Dubuque, Iowa.	23			0.11														(*)			
Duluth, Minn.	20			0.21														(*)			
Eastport, Me.	17			0.27														(*)			
Elkins, W. Va.	22			0.66														0.20			
Ellendale, N. Dak.	17-18			1.17														(*)			
El Paso, Tex.	23			0.23														0.17			
Erie, Pa.	9			0.58														(*)			
Escanaba, Mich.	5-6			0.47														0.29			
Eureka, Calif.	26			0.39														(*)			
Flagstaff, Ariz.	3-4			0.91														0.30			
Fort Smith, Ark.	22			1.30														(*)			
Fort Wayne, Ind.	8-9			0.27														(*)			
Fort Worth, Tex.	5-6			1.12														0.24			
Fresno, Calif.	22			0.69														0.32			
Galveston, Tex.	23-24	7:30 p. m.	D. N. a. m.	1.63	9:18 p. m.	9:36 p. m.	0.48	0.22	0.49	0.63	0.72							(*)			
Grand Haven, Mich.	6-7			0.30														(*)			
Grand Junction, Colo.	6-7			0.29														(*)			
Grand Rapids, Mich.	6-7			0.33														(*)			
Green Bay, Wis.	15-16			0.33														(*)			
Greenville, S. C.	24			1.00														0.49			
Hannibal, Mo.	22-23			0.39														(*)			
Harrisburg, Pa.	8-9			0.81														(*)			
Hartford, Conn.	8-9			1.00														(*)			
Hatteras, N. C.	26			0.11														0.08			
Havre, Mont.	18-19			0.44														(*)			
Helena, Mont.	25-26			0.29														(*)			
Houghton, Mich.	13			0.72														(*)			
Houston, Tex.	23-24	3:25 p. m.	1:00 p. m.	4.48	15:53 p. m.	6:35 p. m.	0.64	0.10	0.33	0.40	0.43	0.46	0.54	0.62	0.77	0.81		(*)			
Huron, S. Dak.	19-20			0.13	(1)	1:45 a. m.	2:12 a. m.	2.92	0.09	0.18	0.21	0.32	0.48	0.51				(*)			
Independence, Calif.	(1)				(1)													(*)			
Indianapolis, Ind.	8-9			0.83														(*)			
Iola, Kans.	8-9			0.50														(*)			
Jacksonville, Fla.	17			0.63														0.32			
Kalispell, Mont.	22-23			0.31														(*)			
Kansas City, Mo.	Keokuk, Iowa.	23		0.28														(*)			
Key West, Fla.	28			0.04														0.03			
Knoxville, Tenn.	23			0.57														0.33			
La Crosse, Wis.	5-6			0.35														(*)			
Lander, Wyo.	6			0.89														(*)			
Lansing, Mich.	23			0.41														(*)			
Lewiston, Idaho.	16			0.61														0.11			
Lexington, Ky.	8			2.08														0.27			
Lincoln, Nebr.	6			0.21														(*)			
Little Rock, Ark.	8			2.85														0.66			
Los Angeles, Calif.	4			0.19														0.07			
Louisville, Ky.	8			2.22														0.41			
Ludington, Mich.	6-7			0.30														(*)			
Lynchburg, Va.	21			0.57														0.12			
Macon, Ga.	25			1.29														0.29			
Madison, Wis.	18-19			0.32														(*)			

* Self-register not in use.

† No precipitation occurred during month.

TABLE II.—Accumulated amounts of precipitation for each 5 minutes for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes, or 0.80 in 1 hour, during January, 1920, at all stations furnished with self-registering gages—Continued.

* Self-register not in use.

TABLE III.—*Data furnished by the Canadian Meteorological Service, January, 1920.*

Stations.	Altitude above M. S. L. Jan. 1, 1919.	Pressure.			Temperature.						Precipitation.		
		Station, reduced to mean of 24 hours.	Sea-level, reduced to mean of 24 hours.	Depart- ture from normal.	Mean max. + mean min. + 2.	Depart- ture from normal.	Mean maxi- mum.	Mean mini- mum.	Highest.	Lowest.	Total.	Depart- ture from normal.	Total snowfall.
St. Johns, N. F.	25	Fct.	Inches.	Inches.	° F.	° F.	° F.	° F.	° F.	° F.	Inches.	Inches.	Inches.
Sydney, C. B. I.	45	29.97	30.02	+0.09	11.9	-8.6	22.4	1.3	37	-14	1.92	-3.18	18.0
Halifax, N. S.	88	29.92	30.04	+1.07	14.4	-7.4	24.5	4.3	39	-17	2.99	-2.78	26.9
Yarmouth, N. S.	65	29.98	30.04	+0.04	19.2	-7.1	27.2	11.3	40	-4	2.94	-2.46	28.0
Charlottetown, P. E. I.	38	29.98	30.02	+0.06	8.1	-8.9	16.9	-0.7	34	-17	1.52	-2.44	15.2
Chatham, N. B.	28	30.03	30.07	+0.10	4.4	-5.4	16.2	-7.4	34	-24	1.83	-1.76	18.3
Father Point, Que.	20	30.05	30.08	+0.10	3.7	-4.3	11.6	-4.1	30	-24	1.34	-1.51	13.4
Quebec, Que.	236	29.79	30.14	+0.12	2.3	-6.8	10.8	-6.2	32	-28	2.62	-1.39	28.2
Montreal, Que.	187	29.95	30.18	+0.14	4.3	-7.4	11.5	-2.8	34	-23	2.94	-0.79	29.4
Stonecliffe, Ont.	489	29.56	30.22	+ .20	-2.8	-9.2	9.4	-14.9	32	-36	1.94	-0.38	19.4
Ottawa, Ont.	236	29.93	30.22	+ .19	2.6	-7.0	13.1	-7.9	35	-29	2.90	-0.09	29.0
Kingston, Ont.	285	29.88	30.22	+ .17	9.6	-7.5	19.3	0.1	36	-22	0.55	-2.90	5.5
Toronto, Ont.	379	29.78	30.22	+ .17	13.0	-8.4	21.3	4.7	37	-18	2.38	-0.54	23.8
Cochrane, Ont.	930	-----	-----	-----	-7.0	-----	2.6	-16.7	20	-39	0.90	-----	9.0
White River, Ont.	1,244	29.76	30.18	+ .17	-8.2	-7.8	6.9	-23.4	28	-48	1.15	-0.64	11.5
Port Stanley, Ont.	592	29.56	30.24	+ .17	13.6	-9.2	22.4	4.8	55	-14	3.56	+0.57	35.5
Southampton, Ont.	656	29.44	-----	-----	9.9	-10.5	18.6	1.3	34	-19	3.15	-0.90	31.5
Parry Sound, Ont.	688	29.48	30.24	+ .23	3.3	-10.5	15.1	-8.4	36	-28	1.19	-2.89	11.9
Port Arthur, Ont.	644	29.49	30.26	+ .19	0.7	-2.4	11.3	-9.8	30	-27	0.75	-0.07	7.5
Winnipeg, Man.	760	29.40	30.31	+ .20	-4.0	+2.8	3.8	-11.8	27	-37	1.54	+0.66	15.4
Minnedosa, Man.	1,690	28.30	30.26	+ .16	-5.7	+1.5	3.5	-14.8	30	-43	0.98	+0.18	9.8
Le Pas, Man.	860	-----	-----	-----	-8.5	-----	-0.8	-16.3	28	-40	0.57	-----	5.7
Qu'Appelle, Sask.	2,115	27.81	30.23	+ .15	-2.6	-0.9	6.8	-12.1	31	-41	2.10	+1.60	21.0
Medicine Hat, Alb.	2,144	27.77	30.14	+ .07	9.4	+3.9	19.7	-0.9	16	-40	1.65	+1.08	16.5
Moose Jaw, Sask.	1,759	-----	-----	-----	1.8	-----	10.9	-7.2	36	-38	1.85	-----	18.5
Swift Current, Sask.	2,392	27.41	30.19	+ .12	7.9	+4.8	17.5	-1.6	45	-38	0.55	-0.09	5.5
Calgary, Alb.	3,428	-----	-----	-----	7.9	-----	17.5	-1.6	45	-38	0.55	-----	5.5
Banff, Alb.	4,521	25.38	30.19	+ .19	10.1	-2.0	20.5	-0.3	42	-46	3.24	+2.05	31.6
Edmonton, Alb.	2,150	27.76	30.21	+ .18	2.7	+0.9	12.7	-7.3	44	-46	2.02	+1.34	19.9
Prince Albert, Sask.	1,450	28.56	30.27	+ .18	-5.4	+3.0	3.6	-14.3	35	-44	1.10	+0.13	11.0
Battleford, Sask.	1,592	28.37	30.24	+ .16	-2.9	+3.0	5.2	-11.1	35	-43	1.44	+1.04	14.4
Kamloops, B. C.	1,262	28.96	30.32	+ .36	22.3	-2.7	28.7	15.8	54	-9	0.83	+0.01	8.2
Victoria, B. C.	230	29.94	30.20	+ .23	39.2	-0.7	32.7	35.6	53	-25	5.55	+0.16	0.6
Barkerville, B. C.	4,180	25.68	30.09	+ .20	15.2	-2.6	21.6	8.7	39	-28	5.72	+3.12	50.8
Triangle Island, B. C.	680	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Prince Rupert, B. C.	170	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.04	-0.90	0.0
Hamilton, Bermuda	151	30.04	30.21	+ .08	63.6	+2.7	68.3	59.0	74	50	-----	-----	-----